



Patent  
Attorney's Docket No. 001560-223

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12/19/97  
DW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )

Miyoko ONO et al. )

Application No.: 08/693,499 )

Filed: August 7, 1996 )

For: HOP EXTRACT AND USE THEREOF )

**DO NOT ENTER**

**OK TO ENTER**

**OK AS ENTERED**

**REPLY AND AMENDMENT**

In complete response to the Official Action dated June 4, 1997, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please amend the claims as follows:

*Sub H1* 1 (Amended) A process for production of an essential oil- rich hop extract, comprising the steps of:

(1) extracting hops with supercritical or subcritical carbon dioxide solvent at a pressure of 80 to 100 Kg/cm<sup>2</sup> to obtain a carbon dioxide extract; and

(2) separating an essential oil-rich hop extract from the carbon dioxide extract,

*F* *E* *wherein the ratio of essential oil components (ml) to α-acid(s) in the extracted original hops is increased by at least 2.*